ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

THERMALLY STABLE LEAN NOX TRAP

Application Number:

Confirmation Number:

First Named Applicant:

John Li

Attorney Docket Number:

81098520 / FCHM 0158 PUS

Art Unit:

Examiner:

Search string:

(5837212 or 6419890 or 6477834 or 6555492 or 20020103078 or 20030021745 or

20030106306 or 20030175192).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
BA	1	5837212	1998-11-17	Hepburn et al.	-	-	
1	2	6419890	2002-07-16	Li			
	3	6477834	2002-11-12	Asanuma et al.			
V	4	6555492	2003-04-29	Faber et al.	V		

US Published Applications

Note: Applicant Is not required to submit a paper copy of cited US Published Applications

ſ	nit	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
4	不	1	20020103078	2002-08-01	Hu et al.			
Γ	П	2	20030021745	2003-01-30	Chen			
		3	20030106306	2003-06-12	Nakatani et al.	. /		
	U	4	20030175192	2003-09-18	Hu et al.	V	V	

Signature

Examiner Name	Date
BINH Q. TRAN	12/05/05

OCT 8 1 2009

PTC/SB/08A (10-96) [MODIFIED]
Approved for use through 10/31/99. OMB 0651-0031
Reent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for En	obstitute for Form 1449A/FTO		8	& TRADENALSON	Complete if Known
	- (OCT A	•	Application Number	10/710,922
INFORM	IATION	DISCI	OSURE	Filing Date	August 12, 2004
STATE	MENT B	K TERR	EICANT	First Named Inventor	John Li, et al.
				Group Art Unit	3748
(us	e as many she	ets as nece	essary)	Examiner Name	Not Known
Sheet	1	of	1	Attorney Docket Number	81098520 / FCHM 0158 PUS

				U.S. PATENT DO	CUMENTS	
		U.S. PATENT	DOCUMENT		Date of Publication of	
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
						
		· · · · · · · · · · · · · · · · · · ·				
	`		·			

		<u> </u>				
				<u> </u>		
	-					
1						

				FOREIGN F	PATENT DOCUMEN	ITS		
Examiner Initials	Cite	Foreign Patent Document K			Name of Patentee or	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
RST		wo	01/09271A1		Angel, et al.	02-08-2001		
			*					
		 						
		\vdash						
			•					

Examiner Signature	BINH Q	TRAN	Date Considered	12/05	5/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SIPE	YC99 3			t a corcons are recui	Patent and Ti	PTO/SB/08A (10-96) [MODIFIED] Approved for use through 10/31/99. OMB 0651-0031 rademark Office: U.S. DEPARTMENT OF COMMERCE ormation unless it contains a valid OMB control number.
12.30 g	Bunder Pape	rwork Reduction Act	01 1995	, no persons are requ	C	Complete if Known
	Substitute for Fo	orm 1449A/PTO			Application Number	10/710,922
W. TRADE	NAKOBI	AATION D	ISC	LOSURE	Filing Date	August 12, 2004
	CTATE	MENT BY	AP	PLICANT	First Named Inventor	John Li et al.
	SIMIL	A1 - 101 - 1	• • • •			Unknown 2748
					Group Art Unit	<u>'</u>
'	(1)	se as many sheets	as ne	acessary)	Examiner Name	JINKHOW BINH Q. TRAN
	ļ	T.	·	2	Attorney Docket Number	FCHM 0158 PUS
	Sheet	1	of			

				U.S. PATENT DOCL		
xaminer	Cite		MENT Code ² known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Initials	No.1 EP	Number (if 0 625 633	B1	Toyota Jidosha	11/23/1994	
$\frac{x_0}{x_0}$	WO	00/50168		Pickering	08/31/2000 01/16/2001	
1-1	JР	2001 - 9271	A2	Nissan Motor	02/07/2002	
	wo	02/09852	A2 A2	Enviroscrub Tech. Engelhard Corp.	08/01/2002	
_	WO	02/058825 1 241 329	A2	Nissan Motor Co.	09/18/2002	
+-	EP WO	02/083301	A2	Engelhard Corp.	10/24/2002	
+-	wo	03/008095	A2	Villa	01/30/2003	
	EP	1 302 647	A2	Toyota Jidosha IPC Process Center	05/15/2003	
	WO	03/040259	A2 A1	Toyota Jidosha	06/11/2003	ļ
-+-	EP	1 318 282 0 982 487	B1	Toyota Jidosha	07/16/2003	
-₩-	EP	1 413 718	A1	Toyota Jidosha	04/28/2004	
				<u></u>		
	4		+			
	+		+			
	+	-			 	
	1			<u> </u>	 	

						TC		1
			F	OREIGN P	ATENT DOCUMEN	15	Pages, Columns,	\dashv
Examiner	Cite		Foreign Patent Do	cument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Lines, Where Relevant Passages or Relevant Figures Appear	т⁰
Initials	No.1	Offic	Number 4	(ii kalaana)				-
<u> </u>								
-								
					· ·			<u> </u>
		ļ						\vdash
	↓	ļ	ļ				 	├
	 	┼				1		

	Date	12/	05/	0.5	
Examiner Signature Signatu	Considered	ine through citat	ion if not in	conformance and	on t
STANNER Initial if reference considered, whether or not citation is in conformance will	1111 61 0001				

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here. ⁷ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here. ⁸ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if pos



PTO/SB/088 (10-96) [reproduced]

E PER CENT	•			Ap Patent and Traden	proved for use through 10/31/99. OMB 06 nark Office: U.S. DEPARTMENT OF COM	51-0031 IMERCE
<u>~</u>				Col	mplete if Known	
Stillute for I	Form 1449B/PTO			Application Number	10/710,922	
VEOB	MATION D	ISC	LOSURE	Filing Date	August 12, 2004	
TATE	MENT BY	AP	PLICANT	First Named Inventor	John Li et al.	
, , , , , , .	5,0,000			Group Art Unit	Unknown	
	(use as many she	ate at	necessary)	Examiner Name	Unknown	
		of	2	Attorney Docket Number	FCHM 0158 PUS	
Sheet	2		DART NON	DATENT LITERATU	RE DOCUMENTS	
		Tite	Include name of the author (in CAPITAL LETTERS), title of the serial, symposium, catalog, etc.), oublisher, city and/or country where	tate, page(s), volume-issue number(s),	T 2
Examiner tnitials	tnitials Cite No.1		P	cts of Oxidation Cat .M. Bouwmeester, Cat	alveis". Paul J.	
					•	
		\dashv				
		\dashv				
						+-
		_				
			•			-
			•			+
-						
						1
			-		 *** **	

			
		Date	12/05/05
Examiner	ROMAI Q. TRAN	Considered	12/00/00
Signature	1011011011	with MPEP 609, Dra	w line through citation if not in conformance and

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.